



## NOAA Restoration Center

### York Creek Fish Passage

#### Project Description

The City of St. Helena plans to replace the existing diversion structure at York Creek Dam to minimize entrainment and to improve fish passage to upstream habitat.

**Project Nickname** York Creek Fish Passage/AR-2002

**Location** St. Helena, Napa County, CA, 94574 SWR

**Program** Community-based Restoration

**Congressional District** CA 1

**Lat, Long Coordinates** -122.496, 38.509

**Land Ownership** Public

**Implementation Start Date**

**Implementation End Date**

**River Basin**

**HUC**

**Geographic Identifier**

**USGS Topo Quad**

**Project Status** Planning Stage

**Project Type** Restoration

**Project Status Description** City agreed to complete project in 2003 if they were to get funds. However, because of permitting and other coordination issues, this project is now expected to be completed in summer of 2004

#### Landmark

**Number of Volunteers**

**Volunteer Hours**

**Volunteer Description**

**Proposed Project?**

**Project Closed?** N

**FY Completed**

#### Habitat Information

Type	Acres Created	Acres Re-established	Acres Rehabilitated	Acres Enhanced	Acres Protected	Stream Miles	# Plants/ Animals
stream/river channel							

#### Species Information

Commonname	Genus	Species	Population Name	NMFS Status	Species Type
Trout, steelhead	<i>Oncorhynchus</i>	<i>mykiss</i>	Northern California	Candidate	animal

#### Partners

Natural Resource Conservation Service
California Department of Water Resources

#### Restoration Techniques

fish ladder/fishway installation
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#### Contacts

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#### NOAA Involvement

source of funding
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#### Monitoring Information

Characteristic	Type
Additional Info	

**Funding Information**

<b>Funding Mechanism</b>	<b>FY Awarded</b>	<b>NOAA Contribution</b>	<b>Partnership Contribution</b>	<b>Total Partnership Contribution</b>
American Rivers	2002	\$30,000	\$0	\$30,000
<b>TOTALS</b>		\$30,000	\$0	\$30,000

**Other Non-Federal \$**  **Other Federal \$**  **Total Project Cost**

**Funding Recipient** City of St. Helena

**Funding Comments****Project Abstract**

The NOAA Community-based Restoration Program partnered with American Rivers to award the York Creek Fish Passage Project to the City of St. Helena. York Creek is located in Napa County and drains into the Napa River, which then drains into the San Francisco Bay. This creek supports a run of threatened Central California Coast Steelhead. This project will replace a masonry diversion structure with a series of boulder weirs. The removal of the masonry and replacement with boulder weirs will create several step-pools that will allow for easier steelhead passage through this reach of the creek. Also, water currently diverted through a large, surface-level pipe will instead be diverted through a series of under-stream pipes. This design will eliminate the entrainment and loss of juvenile salmonids associated with the current structure.

Approximately 600 yards (1/3 mile) upstream of the diversion stands the York Creek Dam, a complete barrier to migrating adult steelhead. Therefore, this diversion project will greatly improve access for steelhead to the approximately 600 yards of habitat between the diversion and the dam. A separate, long-term project is planned to remove the York Creek Dam by 2007. Once both projects are implemented, migrating adult steelhead will have access to an additional 2.5 miles of spawning habitat. These projects are near the center of Napa Valley, and therefore provide the potential for outreach and education to many visitors and tourists. Other partners on this project include the California Department of Water Resources, Natural Resources Conservation Service, and the Napa County Resource Conservation District.